



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3443

|                                    |   |                     |                               |  |
|------------------------------------|---|---------------------|-------------------------------|--|
| <b>SERIAL NUMBER</b><br>10/719,547 | <b>FILING OR 371(c)<br/>DATE</b><br>11/21/2003<br><b>RULE</b> | <b>CLASS</b><br>424 | <b>GROUP ART UNIT</b><br>1648 | <b>ATTORNEY<br/>DOCKET NO.</b><br>NIH214.001C1 |
|------------------------------------|---|---------------------|-------------------------------|--|

**APPLICANTS**

Stephen S. Whitehead, Montgomery Village, MD;  
 Brian R. Murphy, Bethesda, MD;  
 Kathryn A. Hanley, Bethesda, MD;  
 Joseph E. Blaney, Frederick, MD;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a CON of PCT/US02/16308 05/22/2002  
 which claims benefit of 60/293,049 05/22/2001

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

|   |                                   |                                 |                               |                                    |
|---|-----------------------------------|---------------------------------|-------------------------------|------------------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input type="checkbox"/> no  | <b>STATE OR<br/>COUNTRY</b><br>MD | <b>SHEETS<br/>DRAWING</b><br>12 | <b>TOTAL<br/>CLAIMS</b><br>32 | <b>INDEPENDENT<br/>CLAIMS</b><br>4 |
| 35 USC 119 (a-d) conditions<br>met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after<br>Allowance |                                   |                                 |                               |                                    |
| Verified and<br>Acknowledged  | Examiner's Signature              | Initials                        |                               |                                    |

**ADDRESS**

NANCY W. VENSKO  
 KNOBBE, MARTENS, OLSON & BEAR, LLP  
 2040 MAIN STREET  
 14TH FLOOR  
 IRVINE, CA 92614

**TITLE**

Development of mutations useful for attenuating dengue viruses and chimeric dengue viruses

**FILING FEE  
RECEIVED**  
4786

FEES: Authority has been given in Paper  
 No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
 No. \_\_\_\_\_ for following:

|   |
|---|
| <input type="checkbox"/> All Fees                                 |
| <input type="checkbox"/> 1.16 Fees ( Filing )                     |
| <input type="checkbox"/> 1.17 Fees ( Processing Ext. of<br>time ) |
| <input type="checkbox"/> 1.18 Fees ( Issue )                      |
| <input type="checkbox"/> Other _____                              |
| <input type="checkbox"/> Credit                                   |